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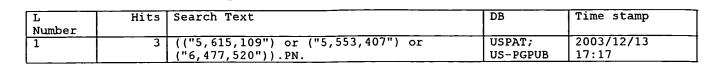
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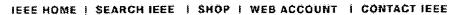
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<sup>2</sup> Competitive solutions for online financial problems

Ran El-Yaniv

March 1998

ACM Computing Surveys (CSUR), Volume 30 Issue 1

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This article surveys results concerning online algorihtms for solving problems other assets. In particular, the survey focucus us search, replacement, and po 3 Discrete-event simulation optimization using ranking, selection, and multipl James R. Swisher, Sheldon H. Jacobson, Enver Yücesan

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An important use for discrete-event simulation models lies in comparing and without incurring any physical costs. This article presents a survey of the liter statistical methods for selecting the best design from among a finite set of k a and multiple comparison procedures (MCPs). A comprehensive survey of each of recent unified R&S- ...

Keywords: Simulation optimization, multiple comparisons, ranking and select

Convex separable optimization is not much harder than linear optimization D. S. Hochbaum, J. George Shanthikumar

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The polynomiality of nonlinear separable convex (concave) optimization probl with " small" subdeterminants, and the polynomiality of such int version of such problems ins polynomial, is proven. This paper presents a gen procedures that solves linear programming problems. The conversion is polyn polynomially bounded subdeterminant ...

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Keywords: assignment problems, constrained optimization, cross-selling, data response models, up-selling

<sup>6</sup> Sequential allocations that reduce risk for multiple comparisons Stephen E. Chick, Koichiro Inoue December 1998 Proceedings of the 30th conference on Winter simulation Full text available: 🔁 pdf(116.47 KB) Additional Information: full citation, references, citings, index terms



7 Advanced tutorials: Simulation optimization: a survey of simulation optimization James R. Swisher, Paul D. Hyden, Sheldon H. Jacobson, Lee W. Schruben Proceedings of the 32nd conference on Winter simulation December 2000 Additional Information: full citation, abstract, ref Full text available: pdf(233.66 KB)

Discrete-event simulation optimization is a problem of significant interest to p information about an actual (or yet to be designed) system that can be mode paper presents a brief survey of the literature on discrete-event simulation op the present). Swisher et al. (2000) provides a more comprehensive review of (1989) covers the liter ...

8 Force allocation through constrained optimization of stochastic response si R. Garrison Harvey, Kenneth W. Bauer, Joseph R. Litko December 1992 Proceedings of the 24th conference on Winter simulation

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9 MANAGE—an interactive simulation model for evaluating the effects organization performance

Michael D. Sherman

December 1981

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This paper reports on progress to date in developing a computerized simulatio management structure of a firm. This model called MANAGE, offers a framewo company can be simulated and assessed under a variety of structural configu behavioral parameters that impact upon successful communication within cor the general framework of the model ...

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Journal on Educational Resources in Computing (JERIC)

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11 An application of simulation for studying the multi-national capital budgeting H. A. DiGiulio, R. V. Oakford

December 1978

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Multi National Corporations are continually faced with the problem of selecting budget constraints with the objective of maximizing the value of the firm at s benefits are realized and therefore the value of the firm in the future is uncer with the problem of selecting an appropriate measure of worth for evaluating appropriate decision proce ...



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We propose "low cost response surface methods" (LCRSM) that typically requ response surface methods based on central composite and Box Behnken desig errors under realistic assumptions. In addition, the LCRSM methods have subexpected savings compared with alternatives with comparable numbers of run computer-generated designs based ...

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Michael Stonebraker, Paul M. Aoki, Witold Litwin, Avi Pfeffer, Adam Sah, Jeff Sid The VLDB Journal — The International Journal on Very Large January 1996 Full text available: pdf(172.75 KB) Additional Information: full citation, abstract, citi

The requirements of wide-area distributed database systems differ dramatical systems. In a wide-area network (WAN) configuration, individual sites usually have different access and charging algorithms, install site-specific data type e on servicing remote requests. Typical of the last point are production transact during normal business h ...

Keywords: Autonomy, Databases, Distributed systems, Economic site, Name s

14 Advanced tutorials: Optimization and system selection: simulation/optimiza Jay April, Fred Glover, James Kelly, Manuel Laguna

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This tutorial will focus on several new real-world applications that have been methods, including Tabu Search, Scatter Search, Mixed Integer Programming simulation. Applications include project portfolio optimization and customer re

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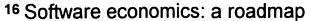
Lawrence A. Gordon, Martin P. Loeb

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This article presents an economic model that determines the optimal amount information. The model takes into account the vulnerability of the information should such a breach occur. It is shown that for a given potential loss, a firm investments on information sets with the highest vulnerability. Since extreme inordinately expensive to protect, a f ...

Keywords: Optimal security investment

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Barry W. Boehm, Kevin J. Sullivan

May 2000 Proceedings of the conference on The future of Software engineering

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17 Session 3A: markets and auctions II: An average-case budget-non-negative Yuko Sakurai, Makoto Yokoo

July 2002 Proceedings of the first international joint conference on Autonomous a Additional Information: full citation, abstract, refere Full text available: pdf(561.88 KB)

We develop a new strategy-proof double auction protocol characterized as ave well-known that there is no strategy-proof double auction protocol that satisfi and budget-balance simultaneously. The existing approach is to give up Paret enforcing budget-balance or budget-positive as a hard constraint. We propose budget-non negative condition. Al ...

Keywords: double auction, electronic commerce, mechanism design

18 Computing the distribution function of a conditional expectation via monte c Shing-Hoi Lee, Peter W. Glynn

July 2003 ACM Transactions on Modeling and Computer Simulation (TOMACS), Full text available: pdf(212.38 KB) Additional Information: full citation, abstract, referen

We examine different ways of numerically computing the distribution function conditioning element takes values in a finite or countably infinite outcome sp the distribution function itself are computed via Monte Carlo simulation. Given the quality of the estimator is gauged by the inverse of its mean square error budget allocated to estima ...

Keywords: Probability algorithms, conditional expectation, distribution functio

<sup>19</sup> New advances for wedding optimization and simulation

Fred Glover, James P. Kelly, Manuel Laguna

December 1999 Proceedings of the 31st conference on Winter simulation: Simulati

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Malcolm J. A. Strens, Andrew W. Moore

March 2003

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Direct policy search is a practical way to solve reinforcement learning (RL) pr action spaces. The goal becomes finding policy parameters that maximize a n method converts this stochastic optimization problem into a deterministic one random number sequences for comparing policies (Ng and Jordan, 2000). We comparison methods, using the mountain car probl ...

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<sup>22</sup> Pricing computer services: queueing effects

Haim Mendelson

March 1985

Communications of the ACM, Volume 28 Issue 3

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This article studies the effects of queueing delays, and users' related costs, on computing resources. It offers a methodology for setting price, utilization, and users' time, and it examines the implications of alternative control structures, assigned to the data processing manager.

Keywords: Combinatorial auctions, computational complexity, mechanism des



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# 24 An application of optimization-by-simulation to discrete variable systems Young H. Lee, Farhad Azadivar

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An algorithm is being developed for optimization of discrete variable stochast simulation. The algorithm is basically a complex type search method that inte capabilities built in the procedure allows it to take into account the stochastic model and arrive at a reasonable solution with a certain level of confidence. T obtained from this pro ...

## <sup>25</sup> Optimizing the selection of VV&A activities: a risk/benefit approach

Paul R. Muessig, Dennis R. Laack, John W. Wrobleski

December 1997 Proceedings of the 29th conference on Winter simulation

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### <sup>26</sup> Methodology for allocating resources for data quality enhancement

Donald P. Ballou, Giri Kumar. Tayi

Marsh 4000

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The issue of effective use of resources committed to data integrity maintenan parameter estimates that are iteratively refined to partition available resource

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Paul B. Morton, Wayne Dai

April 1999 Proceedings of the 1999 international symposium on Physical desi

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<sup>28</sup> Inter disciplinary approaches to the design of dependable computer system software engineering through constraints identification, solution space optim Denis Besnard, Anthony T. Lawrie

March 2002 Proceedings of the 2002 ACM symposium on Applied computin Full text available: pdf(714.94 KB) Additional Information: full citation, abstract, refere

Design is a complex activity that can be analysed from a wide variety of persp individual problem solving process, taking into account psychological argumen involved in the design process, namely the constraints identification, the optim process. We highlight a three-dimensional framework of how the constraints i which, in turn, determ ...

Keywords: cognitive psychology, design faults, human-error, industrial design

<sup>29</sup> Compilers 2: Hybrid analysis: static & dynamic memory reference analysis Silvius Rus, Lawrence Rauchwerger, Jay Hoeflinger

June 2002 Proceedings of the 16th international conference on Supercomput Full text available: pdf(349.43 KB)

Additional Information: full citation, abstract, reference

We present a novel Hybrid Analysis technology which can efficiently and seam analysis of memory references into a single framework that is capable of perf can generate necessary information for most associated memory related optim parallelization by extracting run-time assertions from any loop and generating from a low cost sca ...

Keywords: hybrid analysis, inter-procedural analysis, run-time analysis, run-t

<sup>30</sup> A survey of ranking, selection, and multiple comparison procedures for disc James R. Swisher, Sheldon H. Jacobson

December 1999 Proceedings of the 31st conference on Winter simulation: Simulati Full text available: pdf(123.44 KB)

Additional Information: full citation, references

# <sup>31</sup> Novel design methodologies and signal integrity: Hybrid hierarchical timing performance and low power DSP

Kaijian Shi, Graig Godwin

June 2003 Proceedings of the 40th conference on Design automation

Full text available: 🔁 pdf(153.66 KB)

Additional Information: full citation, abstract, refere

A hybrid hierarchical timing closure methodology has been developed to comb hierarchical timing closure method and flat design based logic-physical combi gate, high performance and ultra-low power DSP which has been used in a nu and the implementation details of the methodology are provided.

Keywords: DSP, chip integration, methodology, placement optimization, timin

### 32 Simulation systems for logistics support planning

Donald F. Blumberg

December 1969 Proceedings of the third conference on Applications of simu

Full text available: pdf(664.20 KB)

Additional Information: full citation, abstract, referen

Many organizations now operate, or are planning the operation of complex log that defy analysis by any of the existing analytical techniques and inventory m characterized by having a mix of high-value reparable parts with relatively low complex support systems are generally composed of several locations where t the same. The given problem is to ...

33 EPIC compilation: Optimizations to prevent cache penalties for the Intel® II Jean-François Collard, Daniel Lavery

March 2003 Proceedings of the international symposium on Code generation and o runtime optimization

Full text available: pdf(1.28 MB) Publisher Site

Additional Information: full

This paper describes scheduling optimizations in the Intel® Itanium® compile micro-architectural effects on the Itanium 2 processor. This paper does not tr penalties, which probably all processors have in one form or another, even in make use of sophisticated methods for disambiguation of memory references, improvement obt ...

34 IS '97: model curriculum and guidelines for undergraduate degree program Gordon B. Davis, John T. Gorgone, J. Daniel Couger, David L. Feinstein, Herbert December 1997 ACM SIGMIS Database, Guidelines for undergraduate degree programs in information systems, Volum

Full text available: 1 pdf(7.24 MB)

Additional Information: full citati

### 35 Combinatorial auctions for supply chain formation

William E. Walsh, Michael P. Wellman, Fredrik Ygge

October 2000 Proceedings of the 2nd ACM conference on Electronic commerce

Full text available: pdf(4.36 MB) Additional Information: full citation, references, citings, index terms

<sup>36</sup> Curriculum 68: Recommendations for academic programs in computer science

William F. Atchison, Samuel D. Conte, John W. Hamblen, Thomas E. Hull, Thom McCluskey, Silvio O. Navarro, Werner C. Rheinboldt, Earl J. Schweppe, William V March 1968 Communications of the ACM, Volume 11 Issue 3

Full text available: pdf(6.63 MB)

Additional Information: full citation, reference

Keywords: computer science academic programs, computer science bibliograp science curriculum, computer science education, computer science graduate p programs

### <sup>37</sup> Software trustability analysis

W. E. Howden, Yudong Huang

January 1995 ACM Transactions on Software Engineering and Methodology (TOS Full text available: pdf(2.04 MB)

Additional Information: full citation, abstract, referen

A measure of software dependability called trustability is described. A program confident that p is free of faults. Trustability measurement depends on detect probability that it will detect faults, when there are faults present. Detectabili conditions under which one testing and analysis method is more effective that were ...

Keywords: analysis, dependability, detectability, failure density, statistical, te

38 A self-optimizing embedded microprocessor using a loop table for low pow-Frank Vahid, Ann Gordon-Ross

August 2001 Proceedings of the 2001 international symposium on Low power el Full text available: pdf(230.48 KB)

Additional Information: full citation,

Keywords: cores, embedded systems, low-power, parameterized architectures system-on-a-chip, tuning

39 Social Analyses of Computing: Theoretical Perspectives in Recent Empiric Rob Kling

January 1980 ACM Computing Surveys (CSUR), Volume 12 Issue 1

Full text available: pdf(3.98 MB)

Additional Information: full citation, references, citings, index terms

40 Area and performance tradeoffs in floating-point divide and square-root impreter Soderquist, Miriam Leeser

September 1996 ACM (

ACM Computing Surveys (CSUR), Volume 28 Issue 3

Full text available: pdf(700.72 KB)

Additional Information: full citation, abstract, refere

Floating-point divide and square-root operations are essential to many scienti required in all computer systems that support the IEEE floating-point standar provide only weak support for these operations. The latency and throughput o of floating-point addition and multiplication, and square-root performance is o case for high-perf ...

Keywords: FPU, SRT, area and performance tradeoffs, division, floating-point,

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Results 41 - 60 of 200 Result page: previous 1 2 <b>3</b> 4 5 6 7  Best 200 shown  41 Quantifying the costs and benefits of architectural decisions  Rick Kazman, Jai Asundi, Mark Klein  July 2001 Proceedings of the 23rd international conference on Software engir  Full text available: pdf(171.03 KB) Publisher Site  Additional Information: full citation, abst
The benefits of a software system are assessable only relative has been developed to serve. In turn, these benefits result from system's functionality and its quality attributes (such as perform quality attributes are, in most cases, dictated by its architecture argue in this paper that the software architecture is the crucial trad
42 Designing simultaneous simulation experiments Paul Hyden, Lee Schruben December 1999 Proceedings of the 31st conference on Winter simulation: Simulation

Additional Information: full citation, references, citin

Full text available: pdf(284.17 KB)

43 Optimal time borrowing analysis and timing budgeting optimization for latch Shi-Zheng Eric Lin, Chieh Changfan, Yu-Chin Hsu, Fur-Shing Tsai January 2002 ACM Transactions on Design Automation of Electronic Systems (TO Full text available: 即pdf(185.37 KB)

Additional Information: full citation, abstract, refere

An interesting property of a latch-based design is that the combinational path clock cycle as long as it can "borrow" time from the shorter paths in the subse lot of flexibility in designing circuits, especially high performance ones. Howe timing analysis. Finding the best clock period or determining how much time is difficult especia ...

Keywords: Cycle stealing, latch-based design, static timing analysis, time bor

44 Energy-aware design of embedded memories: A survey of technologies, ar Luca Benini, Alberto Macii, Massimo Poncino

February 2003 ACM Transactions on Embedded Computing Systems (TECS), V
Full text available: pdf(288.44 KB)
Additional Information: full citation, abstract, refere

Embedded systems are often designed under stringent energy consumption b battery size. Since memory systems consume a significant amount of energy imperative to balance power consumption and performance in memory system focuses on the trade-off between performance and energy consumption in pro their interconnections. Although memory design is as ...

Keywords: Embedded systems, embedded memories, integration, memories,

45 Cost-benefit methodology for office systems

Peter G. Sassone

July 1987 ACM Transactions on Information Systems (TOIS), Volume 5 Issu Full text available: pdf(1.27 MB) Additional Information: full citation, abstract, references,

The time savings times salary (TSTS) approach is a widely used methodology information systems, yet its theoretical basis is largely unexplored. In this pa model, including five critical assumptions. We find that the model, though som However, we find that the time-saving-times-salary calculation, per se, is imp

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### 46 Equilibrium bandwidth and buffer allocations for elastic traffics

Steven H. Low

June 2000 IEEE/ACM Transactions on Networking (TON), Volume 8 Issue 3

Full text available: pdf(339.27 KB)

Additional Information: full citation, references, citings, inde

Keywords: bandwidth and buffer allocation, elastic traffic, equilibrium allocati

47 Budgeting, simulation and statistical timing: Optimal integer delay budgetin E. Bozorgzadeh, S. Ghiasi, A. Takahashi, M. Sarrafzadeh

June 2003 Proceedings of the 40th conference on Design automation

Full text available: pdf(373.56 KB)

Additional Information: full citation, abstract, refere

Delay budget is an excess delay each component of a design can tolerate und budgeting has been widely exploited to improve the design quality. We prese algorithm. Due to numerical instability and discreteness of libraries of compon optimization flow, integer solution for delay budgeting is essential. We prove old open problem in design optimizati ...

48 Computing the distribution function of a conditional expectation via Monte (
Shing-Hoi Lee, Peter W. Glynn

December 1999 Proceedings of the 31st conference on Winter simulation: Simulati Full text available: pdf(118.06 KB)

Additional Information: full citation, references, citin

<sup>49</sup> Challenges in modeling demand for inventory optimization of slow-moving Frank Grange

December 1998 Proceedings of the 30th conference on Winter simulation

Full text available: pdf(69.69 KB)

Additional Information: full citation, references, index terms

<sup>50</sup> The impact of information systems on organizations and markets

Vijay Gurbaxani, Seungjin Whang January 1991 Communic

Communications of the ACM, Volume 34 Issue 1

Full text available: pdf(3.70 MB)

Additional Information: full citation, abstract, references, citin

The adoption of information technology (IT) in organizations has been growin technology has evolved from the automation of structured processes to system introduce change into fundamental business procedures. Indeed, it is believed computers, companies will live by them, shaping strategy and structure to fit While the importance of the rel ...

3 of 6 12/13/03 5:30 PM

### 51 Mining the network value of customers

Pedro Domingos, Matt Richardson

August 2001 Proceedings of the seventh ACM SIGKDD international conference on Full text available: pdf(999.05 KB)

Additional Information: full citation, abstract, reference

One of the major applications of data mining is in helping companies determined If the expected profit from a customer is greater than the cost of marketing to customer is executed. So far, work in this area has considered only the intrinse profit from sales to her). We propose to model also the customer's network vacustomers she ...

Keywords: Markov random fields, collaborative filtering, dependency network marketing

52 AkBA: a progressive, anonymous-price combinatorial auction
Peter R. Wurman, Michael P. Wellman
October 2000 Proceedings of the 2nd ACM conference on Electronic commerce
Full text available: pdf(346.01 KB) Additional Information: full citation, references, citings, index terms

Keywords: combinatorial auctions, equilibrium prices, progressive auctions

53 New directions in traffic measurement and accounting: Focusing on the ele Cristian Estan, George Varghese

August 2003 ACM Transactions on Computer Systems (TOCS), Volume 21 I
Full text available: pdf(1.03 MB) Additional Information: full citation, abstract, reference

Accurate network traffic measurement is required for accounting, bandwidth p These applications see the traffic as a collection of flows they need to measur increase, keeping a counter for each flow is too expensive (using SRAM) or sl state-of-the-art methods (Cisco's sampled NetFlow), which count periodically resource-intensive. Previous work showed ...

Keywords: Network traffic measurement, identifying large flows, on-line algor

# 54 Session 7A: bidding and bargaining agents II: Strategic sequential bidding Gerald Tesauro, Jonathan L. Bredin

July 2002 Proceedings of the first international joint conference on Autonomous a Full text available: 🔁 pdf(162.84 KB)

Additional Information: full citation, abstract, reference

We develop a general framework in which real-time Dynamic Programming (D strategies in a broad class of auctions characterized by sequential bidding and states are represented primarily by an agent's holdings, and transition probab history, along the lines of the "belief function" approach of Gjerstad and Dickh combined with a forecast of ...

Keywords: auctions, bidding and bargaining agents, dynamic programming, e simulation

### <sup>55</sup> A graph-based system for network-vulnerability analysis

Cynthia Phillips, Laura Painton Swiler

January 1998 Proceedings of the 1998 workshop on New security paradigms

Full text available: pdf(749.39 KB) Additional Information: full citation, references, citings, index terms

Keywords: attack graph, computer security, network vulnerability

# <sup>56</sup> Wire packing: a strong formulation of crosstalk-aware chip-level track/layer programming solution

Rony Kay, Rob A. Rutenbar

May 2000 Proceedings of the 2000 international symposium on Physical desig Full text available: pdf(292.95 KB)

Additional Information: full citation, reference

### <sup>57</sup> Advanced tutorials: Options pricing: using simulation for option pricing

John M. Charnes

December 2000 Proceedings of the 32nd conference on Winter simulation

Full text available: pdf(76.67 KB)

Additional Information: full citation, abstract

Monte Carlo simulation is a popular method for pricing financial options and o availability of powerful workstations and recent advances in applying the tool makes simulation accessible to many users who would otherwise avoid progra derivative securities. This paper presents examples of option pricing and varia implementation with Crystal Bal ...

58 XML indexing and compression: Containment join size estimation: models
Wei Wang, Haifeng Jiang, Hongjun Lu, Jeffrey Xu Yu

June 2003 Proceedings of the 2003 ACM SIGMOD international conference on o

Full text available: pdf(301.92 KB)

Additional Information: full citation, abstract, refere

Recent years witnessed an increasing interest in researches in XML, partly du *de facto* standard for data interchange over the internet. A large amount of w models and query processing techniques. However, few works have addressed paper, we report our study on one of the challenges in XML query optimizatio Containment join is well accept ...

59 Strategyproof cost-sharing mechanisms for set cover and facility location g
Nikhil R. Devanur, Milena Mihail, Vijay V. Vazirani
June 2003 Proceedings of the 4th ACM conference on Electronic commerce
Full text available: pdf(144.51 KB) Additional Information: full citation, references, index terms

Keywords: cost sharing, facility location, mechanism design, set cover

Feodor F. Dragan, Andrew B. Kahng, Ion Mandoiu, Sudhakar Muddu, Alexander Z January 2001 Proceedings of the 2001 conference on Asia South Pacific design Full text available: pdf(143.82 KB)

Additional Information: full citation, abstract, reference

To implement high-performance global interconnect without impacting the pla blocks, the use of buffer blocks is becoming increasingly popular in structured methodologies. Recent works by Cong, Kong and Pan [5] and Tang and Wong block planning problem. In this paper, we address the problem of how to perf given an existing buffer block plan. We give ...

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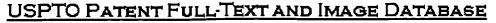
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- PAT. NO. Title
- 1 6,662,357 Managing information in an integrated development architecture framework
- 2 6,661,379 Antenna selection method for a wireless location system
- 3 6,659,689 T Garment integrated personal flotation device
- 4 6,658,467 Provision of informational resources over an electronic network
- 5 6,650,333 Multi-pool texture memory management
- 6 6,646,604 Automatic synchronous tuning of narrowband receivers of a wireless location system for voice/traffic channel tracking
- 7 6,640,249 T Presentation services patterns in a netcentric environment
- 8 6,640,244 F Request batcher in a transaction services patterns environment
- 9 6,640,238 Activity component in a presentation services patterns environment
- 10 6,636,242 T View configurer in a presentation services patterns environment
- 11 6,631,470 I Block based design methodology
- 12 6,629,293 T Block based design methodology
- 13 6,629,081 T Account settlement and financing in an e-commerce environment
- 14 6,622,291 Method and apparatus for physical budgeting during RTL floorplanning
- 15 6,615,253 F Efficient server side data retrieval for execution of client side applications
- 16 6,615,199 **T** Abstraction factory in a base services pattern environment
- 17 6,615,166 Prioritizing components of a network framework required for implementation of technology
- 18 6,611,867 System, method and article of manufacture for implementing a hybrid network

- 19 6,611,726 Method for determining optimal time series forecasting parameters
- 20 <u>6,606,744</u> Providing collaborative installation management in a network-based supply chain environment
- 21 6,606,660 T Stream-based communication in a communication services patterns environment
- 22 6,606,615 T Forecasting contest
- 23 6,603,428 Multiple pass location processing
- 24 6,601,234 Attribute dictionary in a business logic services environment
- 25 6,601,192 T Assertion component in environment services patterns
- 26 6,594,800 Block based design methodology
- 27 6,587,590 Method and system for computing 8 times 8 DCT/IDCT and a VLSI implementation
- 28 6,584,936 T Animal caging and biological storage systems
- 29 6,578,068 Load balancer in environment services patterns
- 30 6,574,778 T Block based design methodology
- 31 6,571,738 T Animal caging and biological storage systems
- 32 6,571,282 Block-based communication in a communication services patterns environment
- 33 6,567,957 I Block based design methodology
- 34 <u>6,567,824</u> T <u>Integrated inventory management system</u>
- 35 6,563,460 T Collision recovery in a wireless location system
- 36 6,562,943 Peptide epitopes recognized by disease promoting CD4+ T lymphocytes
- 37 6,550,057 Piecemeal retrieval in an information services patterns environment
- 38 6,549,949 Fixed format stream in a communication services patterns environment
- 39 6,539,403 T Method and system for facilitating networked information exchange
- 40 6,539,396 Multi-object identifier system and method for information service pattern environment
- 41 <u>6,536,037</u> II <u>Identification of redundancies and omissions among components of a web based architecture</u>
- 42 6,535,603 Local loop telecommunication repeater housings employing thermal collection, transfer and distribution via solid thermal conduction
- 43 6,529,948 Multi-object fetch component
- 44 6,529,909 Method for translating an object attribute converter in an information services patterns environment
- 45 6,519,571 T Dynamic customer profile management
- 46 6,519,465 T Modified transmission method for improving accuracy for E-911 calls
- 47 <u>6,510,223</u> Local loop telecommunication repeater housings employing thermal collection, transfer and distribution via solid thermal conduction
- 48 6,502,213 System, method, and article of manufacture for a polymorphic exception handler in environment services patterns
- 49 6,496,850 T Clean-up of orphaned server contexts
- 50 6,492,944 T Internal calibration method for receiver system of a wireless location system

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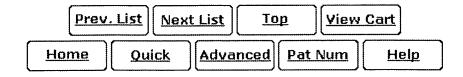
- PAT. NO. Title
- 51 6,483,460 T Baseline selection method for use in a wireless location system
- 52 6,477,795 Excavator data acquisition and control system and process
- 53 6,477,665 System, method, and article of manufacture for environment services patterns in a netcentic environment
- 54 6,477,580 T Self-described stream in a communication services patterns environment
- 55 6,477,520 Adaptive travel purchasing optimization system
- 56 6,473,794 T System for establishing plan to test components of web based framework by displaying pictorial representation and conveying indicia coded components of existing network framework
- 57 <u>6,473,084</u> **T** <u>Prediction input</u>
- 58 6,463,290 Mobile-assisted network based techniques for improving accuracy of wireless location system
- 59 6,442,748 T System, method and article of manufacture for a persistent state and persistent object separator in an information services patterns environment
- 60 6,438,594 T Delivering service to a client via a locally addressable interface
- 61 6,438,573 Real-time programming method
- 62 6,434,628 T Common interface for handling exception interface name with additional prefix and suffix for handling exceptions in environment services patterns
- 63 6,434,568 II Information services patterns in a netcentric environment

6,427,132 System, method and article of manufacture for demonstrating E-commerce

- capabilities via a simulation on a network
- 65 6,408,263 Management training simulation method and system
- 66 6,405,364 E Building techniques in a development architecture framework
- 67 6,400,320 Antenna selection method for a wireless location system
- 68 6,389,379 T Converification system and method
- 69 6,389,015 T Method of and system for managing a SONET ring
- 70 6,388,618 T Signal collection system for a wireless location system
- 71 6,370,573 System, method and article of manufacture for managing an environment of a development architecture framework
- 72 <u>6,363,411</u> Intelligent network
- 73 6,351,235 Method and system for synchronizing receiver systems of a wireless location system
- 74 6,345,239 Remote demonstration of business capabilities in an e-commerce environment
- 75 6,341,292 T Spreadsheet-based network information exchange with two-part cache
- 76 6,339,832 T Exception response table in environment services patterns
- 77 6,334,059 T Modified transmission method for improving accuracy for e-911 calls
- 78 6,332,163 Method for providing communication services over a computer network system
- 79 6,324,647 System, method and article of manufacture for security management in a development architecture framework
- 80 6,317,604 T Centralized database system for a wireless location system
- 81 6,317,081 I Internal calibration method for receiver system of a wireless location system
- 82 6,308,072 T Method and apparatus for controlling a wireless communication system
- 83 6,292,556 T Local loop telecommunication repeater housings employing thermal collection, transfer and distribution via solid thermal conduction
- 84 6,289,382 System, method and article of manufacture for a globally addressable interface in a communication services patterns environment
- 85 6,289,334 Apparatus and method for decomposing database queries for database management system including multiprocessor digital data processing system
- 86 6,285,321 T Station based processing method for a wireless location system
- 87 6,282,531 T System for managing applied knowledge and workflow in multiple dimensions and contexts
- 88 6,281,834 T Calibration for wireless location system
- 89 6,269,467 T Block based design methodology
- 90 6,266,013 T Architecture for a signal collection system of a wireless location system
- 91 6,257,171 T Animal caging and biological storage systems
- 92 6,256,773 System, method and article of manufacture for configuration management in a development architecture framework
- 93 6,243,497 Apparatus and method for optimizing the rate control in a coding system
- 94 6,236,955 T Management training simulation method and system
- 95 6,195,922 Excavator data acquisition and control system and process



- 97 6,172,644 T Emergency location method for a wireless location system
- 98 6,119,376 Excavator data acquisition and control system and process
- 99 6,115,599 T Directed retry method for use in a wireless location system
- 100 6,112,181 Systems and methods for matching, selecting, narrowcasting, and/or classifying based on rights management and/or other information



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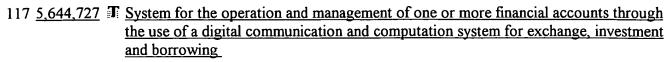
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- PAT. NO. Title
- 101 6,097,336 Method for improving the accuracy of a wireless location system
- 102 6,092,047 Apparatus and method of composing a plan of flexible benefits
- 103 6,091,362 Bandwidth synthesis for wireless location system
- 104 6,085,216 Method and system for efficiently allocating resources for solving computationally hard problems
- 105 6,078,745 Method and apparatus for size optimization of storage units
- 106 6,023,692 T Goal based tutoring system with behavior to control flow of presentation
- 107 5,994,675 Semiconductor processing furnace heating control system
- 108 5,963,939 T Method and apparatus for an incremental editor technology
- 109 5,954,640 T Nutritional optimization method
- 110 5,875,437 System for the operation and management of one or more financial accounts through the use of a digital communication and computation system for exchange, investment and borrowing
- 111 5,798,939 T System for optimizing power network design reliability
- 112 5,742,806 Apparatus and method for decomposing database queries for database management system including multiprocessor digital data processing system
- 113 5,729,700 Methods and apparatus for facilitating execution of asset trades based on nonnegative investment risk, using overlapping time periods
- 114 5,704,142 Excavator data acquisition and control system and process
- 115 5,673,252 T Communications protocol for remote data generating stations
- 116 5,659,985 Excavator data acquisition and control system and process



- 118 5,633,511 Automatic tone scale adjustment using image activity measures
- 119 5,615,109 Method of and system for generating feasible, profit maximizing requisition sets
- 120 5,553,407 Excavator data acquisition and control system and method of use
- 121 <u>5,541,914</u> T <u>Packet-switched self-routing multistage interconnection network having contention-free fanout, low-loss routing, and fanin buffering to efficiently realize arbitrarily low packet loss</u>
- 122 5,468,088 Feedback control of groundwater remediation
- 123 5,243,351 Full aperture image synthesis using rotating strip aperture image measurements
- 124 5,148,365 T Scenario optimization

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